

Title (en)

Monochromatic display device with a backlight, motor vehicle and method for operating a monochromatic display device

Title (de)

Monochrome Anzeigevorrichtung mit einer Hintergrundbeleuchtung, Kraftfahrzeug und Verfahren zum Betreiben einer monochromen Anzeigevorrichtung

Title (fr)

Dispositif d'affichage monochromatique retroéclairé, véhicule automobile et procédé de commande du dispositif d'affichage monochromatique

Publication

**EP 1767986 A1 20070328 (DE)**

Application

**EP 06019220 A 20060914**

Priority

DE 102005045692 A 20050924

Abstract (en)

The device has a liquid crystal display (3) and a backlight (4) that is provided to backlight the display. The backlight has two yellow LEDs (7, 8) that emit yellow color and red LED (9) that emits red color, and light conductors (5) that are coupled with the LEDs. The conductors are arranged in parallel behind the display such that areas of the display assigned to the conductors backlight with the respective colors. The conductors are separated from each other by a photoresist layer (15) and/or light reflecting layer, where the layers are thin foils or are superimposed by a color print. An independent claim is also included for a method for operating an indicator device of a motor vehicle such as passenger car.

IPC 8 full level

**G02F 1/13357** (2006.01); **B60K 35/00** (2006.01); **F21V 9/40** (2018.01)

CPC (source: EP)

**G02F 1/133603** (2013.01); **G02F 1/133374** (2021.01); **G02F 1/133613** (2021.01); **G02F 1/133626** (2021.01)

Citation (search report)

- [XA] DE 19622900 A1 19961212 - TOYODA GOSEI KK [JP]
- [X] WO 03107083 A1 20031224 - SAMSUNG ELECTRONICS CO LTD [KR], et al

Cited by

EP2357518A1; CN104240619A; EP2669734A1; DE102011016429A1; DE102011016438A1; US8789989B2; US8882317B2; EP1840626B1; DE102010007476A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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